

## Water Management

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## Keokuk County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
8B: Judson-----	Somewhat limited Seepage	0.72	Somewhat limited Piping	0.10	Very limited Deep to water	1.00
8C: Judson-----	Somewhat limited Seepage	0.72	Somewhat limited Piping	0.09	Very limited Deep to water	1.00
13B: Olmitz-----	Somewhat limited Seepage	0.72	Somewhat limited Piping	0.04	Very limited Deep to water	1.00
Vesser-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone Piping	0.95 0.05	Somewhat limited Slow refill Cutbanks cave Deep to water	0.28 0.10 0.02
Zook-----	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Hard to pack	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
24D2: Shelby-----	Somewhat limited Seepage Slope	0.04 0.01	Not limited		Very limited Deep to water	1.00
24E2: Shelby-----	Somewhat limited Slope Seepage	0.04 0.04	Not limited		Very limited Deep to water	1.00
51: Vesser-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Piping	1.00 0.05	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
51B: Vesser-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone Piping	0.95 0.05	Somewhat limited Slow refill Cutbanks cave Deep to water	0.28 0.10 0.02

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Keokuk County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
54: Zook-----	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Hard to pack	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
54+: Zook-----	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
56B: Cantril-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
56C: Cantril-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Piping	1.00 0.01	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
65D2: Lindley-----	Somewhat limited Seepage Slope	0.04 0.01	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
65E: Lindley-----	Somewhat limited Slope Seepage	0.04 0.04	Somewhat limited Piping	0.49	Very limited Deep to water	1.00
65E2: Lindley-----	Somewhat limited Slope Seepage	0.04 0.04	Somewhat limited Piping	0.51	Very limited Deep to water	1.00
65F: Lindley-----	Somewhat limited Slope Seepage	0.18 0.04	Somewhat limited Piping	0.50	Very limited Deep to water	1.00
65F2: Lindley-----	Somewhat limited Slope Seepage	0.18 0.04	Somewhat limited Piping	0.52	Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
65G: Lindley-----	Somewhat limited Slope Seepage	0.64 0.04	Somewhat limited Piping	0.51	Very limited Deep to water	1.00
74: Rubio-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone Hard to pack	1.00 0.19	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
75: Givin-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
75B: Givin-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
76B: Ladoga-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
76B2: Ladoga-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
76C: Ladoga-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
76C2: Ladoga-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
76D2: Ladoga-----	Somewhat limited Seepage Slope	0.72 0.01	Not limited		Very limited Deep to water	1.00
80B: Clinton-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00

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Keokuk County, Iowa

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
80C: Clinton-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
80C2: Clinton-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
80D: Clinton-----	Somewhat limited Seepage Slope	0.72 0.01	Not limited		Very limited Deep to water	1.00
80D2: Clinton-----	Somewhat limited Seepage Slope	0.72 0.01	Not limited		Very limited Deep to water	1.00
87B: Colo-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
Zook-----	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Hard to pack	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
93D2: Shelby-----	Somewhat limited Seepage Slope	0.04 0.01	Not limited		Very limited Deep to water	1.00
Adair-----	Somewhat limited Seepage Slope	0.04 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
122: Sperry-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Ponding	1.00 1.00	Somewhat limited Slow refill Cutbanks cave	0.28 0.10

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Keokuk County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
133: Colo-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
133+: Colo-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
133B: Colo-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
163E: Fayette-----	Somewhat limited Seepage Slope	0.72 0.04	Somewhat limited Piping	0.06	Very limited Deep to water	1.00
163E2: Fayette-----	Somewhat limited Seepage Slope	0.72 0.04	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
163F: Fayette-----	Somewhat limited Seepage Slope	0.72 0.18	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
179D2: Gara-----	Somewhat limited Seepage Slope	0.04 0.01	Not limited		Very limited Deep to water	1.00
179E: Gara-----	Somewhat limited Slope Seepage	0.04 0.04	Somewhat limited Piping	0.01	Very limited Deep to water	1.00
179E2: Gara-----	Somewhat limited Slope Seepage	0.04 0.04	Not limited		Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
179F2: Gara-----	Somewhat limited Slope Seepage	0.18 0.04	Not limited		Very limited Deep to water	1.00
180: Keomah-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
220: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
Other-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
222C: Clarinda-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
222C2: Clarinda-----	Somewhat limited Seepage	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
223C2: Rinda-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone Hard to pack	1.00 0.98	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
273C: Olmitz-----	Somewhat limited Seepage	0.72	Somewhat limited Piping	0.04	Very limited Deep to water	1.00
279: Taintor-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Hard to pack	1.00 0.20	Somewhat limited Slow refill Cutbanks cave	0.28 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
280: Mahaska-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
280B: Mahaska-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
281B: Otley-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
281B2: Otley-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
281C: Otley-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
281C2: Otley-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
281D2: Otley-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
	Slope	0.01			Deep to water Cutbanks cave	0.24 0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
293C:						
Chelsea-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
Fayette-----	Somewhat limited Seepage	0.72	Somewhat limited Piping	0.04	Very limited Deep to water	1.00
293D:						
Chelsea-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
Fayette-----	Somewhat limited Seepage Slope	0.72 0.01	Somewhat limited Piping	0.05	Very limited Deep to water	1.00
293E:						
Chelsea-----	Very limited Seepage Slope	1.00 0.04	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
Fayette-----	Somewhat limited Seepage Slope	0.72 0.04	Somewhat limited Piping	0.06	Very limited Deep to water	1.00
293F:						
Chelsea-----	Very limited Seepage Slope	1.00 0.18	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
Fayette-----	Somewhat limited Seepage Slope	0.72 0.18	Somewhat limited Piping	0.07	Very limited Deep to water	1.00
294C:						
Billett-----	Very limited Seepage	1.00	Somewhat limited Piping	0.18	Very limited Deep to water	1.00
Ladoga-----	Very limited Seepage	1.00	Somewhat limited Piping	0.78	Very limited Deep to water	1.00
294D:						
Billett-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Piping	0.18	Very limited Deep to water	1.00
Ladoga-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Piping	0.78	Very limited Deep to water	1.00



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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
313F2: Gosport-----	Somewhat limited Slope Depth to bedrock	 0.18 0.11	Somewhat limited Thin layer Depth to saturated zone	 0.85 0.46	Very limited Slow refill Deep to water  Cutbanks cave	 1.00 0.24  0.10
319E: Dunbarton-----	Very limited Depth to bedrock Seepage Slope	 1.00 0.47 0.04	Very limited Thin layer Hard to pack	 1.00 1.00	Very limited Deep to water	 1.00
422: Amana-----	Somewhat limited Seepage	 0.72	Somewhat limited Depth to saturated zone Piping	 0.95 0.23	Somewhat limited Slow refill Cutbanks cave Deep to water	 0.28 0.10 0.02
423D2: Bucknell-----	Somewhat limited Slope	 0.01	Very limited Depth to saturated zone Hard to pack	 1.00 0.25	Very limited Slow refill Cutbanks cave	 1.00 0.10
424D: Lindley-----	Somewhat limited Seepage Slope	 0.04 0.01	Somewhat limited Piping	 0.48	Very limited Deep to water	 1.00
Keswick-----	Somewhat limited Seepage  Slope	 0.04  0.01	Very limited Depth to saturated zone	 1.00	Somewhat limited Slow refill  Cutbanks cave	 0.96  0.10
424D2: Lindley-----	Somewhat limited Seepage Slope	 0.04 0.01	Somewhat limited Piping	 0.50	Very limited Deep to water	 1.00
Keswick-----	Somewhat limited Seepage  Slope	 0.04  0.01	Very limited Depth to saturated zone	 1.00	Somewhat limited Slow refill  Cutbanks cave	 0.96  0.10

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
424E2: Lindley-----	Somewhat limited Slope Seepage	0.04 0.04	Somewhat limited Piping	0.51	Very limited Deep to water	1.00
Keswick-----	Somewhat limited Slope Seepage	0.04 0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
425D: Keswick-----	Somewhat limited Seepage Slope	0.04 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
425D2: Keswick-----	Somewhat limited Seepage Slope	0.04 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
428B: Ely-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Piping	1.00 0.27	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
430: Ackmore-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.95	Somewhat limited Slow refill Cutbanks cave Deep to water	0.28 0.10 0.02
453: Tuskeego-----	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.30	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
520: Coppock-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.28 0.10

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520B: Coppock-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
570C: Nira-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
570C2: Nira-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
571C2: Hedrick-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
571D2: Hedrick-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
	Slope	0.01			Deep to water Cutbanks cave	0.24 0.10
572C2: Inton-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
					Deep to water Cutbanks cave	0.24 0.10
572D2: Inton-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill	0.28
	Slope	0.01			Deep to water Cutbanks cave	0.24 0.10

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587: Chequest-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone Hard to pack	1.00 0.11	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
587+: Chequest-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone Hard to pack	1.00 0.10	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
687B: Watkins-----	Somewhat limited Seepage	0.72	Somewhat limited Piping	0.57	Very limited Deep to water	1.00
688: Koszta-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
722: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
Ackmore-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.95	Somewhat limited Slow refill Cutbanks cave Deep to water	0.28 0.10 0.02
Vesser-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Piping	1.00 0.05	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
730B: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
Coppock-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.95	Somewhat limited Slow refill Cutbanks cave Deep to water	0.28 0.10 0.02

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Cantril-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone Piping	0.95 0.01	Somewhat limited Slow refill Cutbanks cave Deep to water	0.28 0.10 0.02
779: Kalona-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone Hard to pack	1.00 0.13	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
792C2: Armstrong-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
792D2: Armstrong-----	Somewhat limited Seepage  Slope	0.04 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
795C2: Ashgrove-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
795D2: Ashgrove-----	Somewhat limited Seepage  Slope	0.04 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
822D2: Lamoni-----	Somewhat limited Slope	0.01	Very limited Depth to saturated zone Hard to pack	1.00 0.32	Very limited Slow refill Cutbanks cave	1.00 0.10
876B: Ladoga-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00
876C2: Ladoga-----	Somewhat limited Seepage	0.72	Not limited		Very limited Deep to water	1.00

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	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
876D2: Ladoga-----	Somewhat limited Seepage Slope	 0.72 0.01	Not limited		Very limited Deep to water	 1.00
880B: Clinton-----	Somewhat limited Seepage	 0.72	Not limited		Very limited Deep to water	 1.00
880C2: Clinton-----	Somewhat limited Seepage	 0.72	Not limited		Very limited Deep to water	 1.00
880D2: Clinton-----	Somewhat limited Seepage Slope	 0.72 0.01	Not limited		Very limited Deep to water	 1.00
881B: Otley-----	Somewhat limited Seepage	 0.72	Somewhat limited Depth to saturated zone	0.46	Somewhat limited Slow refill Deep to water Cutbanks cave	 0.28 0.24 0.10
911B: Colo-----	Somewhat limited Seepage	 0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	 0.28 0.10
Ely-----	Somewhat limited Seepage	 0.72	Somewhat limited Depth to saturated zone Piping	0.95 0.27	Somewhat limited Slow refill Cutbanks cave Deep to water	 0.28 0.10 0.02
993D2: Gara-----	Somewhat limited Seepage Slope	 0.04 0.01	Not limited		Very limited Deep to water	 1.00
Armstrong-----	Somewhat limited Seepage Slope	 0.04 0.01	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	 0.96 0.10

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(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Keokuk County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
993E2: Gara-----	Somewhat limited Slope Seepage	0.04 0.04	Not limited		Very limited Deep to water	1.00
Armstrong-----	Somewhat limited Slope Seepage	0.04 0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
994D2: Galland-----	Very limited Seepage Slope	1.00 0.01	Very limited Depth to saturated zone Seepage	1.00 0.05	Somewhat limited Cutbanks cave	0.10
Douds-----	Very limited Seepage Slope	1.00 0.01	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
994E2: Galland-----	Very limited Seepage Slope	1.00 0.04	Very limited Depth to saturated zone Seepage	1.00 0.05	Somewhat limited Cutbanks cave	0.10
Douds-----	Very limited Seepage Slope	1.00 0.04	Somewhat limited Seepage	0.12	Very limited Deep to water	1.00
999F: Nordness-----	Very limited Seepage Depth to bedrock Slope	1.00 1.00 0.18	Very limited Thin layer	1.00	Very limited Deep to water	1.00
Eleva-----	Very limited Seepage Slope Depth to bedrock	1.00 0.18 0.11	Somewhat limited Thin layer Seepage	0.85 0.09	Very limited Deep to water	1.00
999G: Nordness-----	Very limited Seepage Depth to bedrock Slope	1.00 1.00 0.64	Very limited Thin layer	1.00	Very limited Deep to water	1.00

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Keokuk County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Eleva-----	Very limited Seepage	1.00	Somewhat limited Thin layer	0.85	Very limited Deep to water	1.00
	Slope	0.64	Seepage	0.09		
	Depth to bedrock	0.11				
1075: Givin-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.96
					Cutbanks cave	0.10
1220: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
1279: Taintor-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
			Hard to pack	0.20	Cutbanks cave	0.10
1280: Mahaska-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
1315: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
Klum-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.96	Very limited Deep to water	1.00
5010: Pits, Sand And Gravel-----	Not rated		Not rated		Not rated	
5020: Pits And Dumps-----	Not rated		Not rated		Not rated	



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Keokuk County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
5030: Pits, Limestone Quarries-----	Not rated		Not rated		Not rated	
5040: Orthents-----	Not rated		Not rated		Not rated	
5048: Aquents, Poned, Frequently Flooded-	Not rated		Not rated		Not rated	
5060: Pits, Clay-----	Not rated		Not rated		Not rated	
5080: Orthents, Sanitary Landfill-----	Not rated		Not rated		Not rated	
6051: Vesser-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone Piping	1.00 0.05	Somewhat limited Slow refill Cutbanks cave	0.28 0.10
6054: Zook-----	Somewhat limited Seepage	0.02	Very limited Depth to saturated zone Hard to pack	1.00 0.99	Somewhat limited Slow refill Cutbanks cave	0.96 0.10
6133: Colo-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill Cutbanks cave	0.28 0.10

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Keokuk County, Iowa

Map symbol and soil name	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
	Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
6133+: Colo-----	Somewhat limited Seepage	0.72	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.28
					Cutbanks cave	0.10
6220: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
6315: Nodaway-----	Somewhat limited Seepage	0.72	Very limited Piping	1.00	Very limited Deep to water	1.00
Klum-----	Very limited Seepage	1.00	Somewhat limited Seepage	0.52	Very limited Deep to water	1.00
6422: Amana-----	Somewhat limited Seepage	0.72	Somewhat limited Depth to saturated zone	0.95	Somewhat limited Slow refill	0.28
			Piping	0.23	Cutbanks cave	0.10
					Deep to water	0.02
6587: Chequest-----	Somewhat limited Seepage	0.04	Very limited Depth to saturated zone	1.00	Somewhat limited Slow refill	0.96
			Hard to pack	0.11	Cutbanks cave	0.10
AW: Animal Waste-----	Not rated		Not rated		Not rated	
SL: Sewage Lagoon-----	Not rated		Not rated		Not rated	
W: Water-----	Not rated		Not rated		Not rated	